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DIALOG(R)File 351:Derwent WPI
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001145749

WPI Acc No: 1974-19452V/ 197411

Polymer fibres for paper prodn - formed by flash evaporation of
water-in-oil emulsions

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Number of Countries: 012 Number of Patents: 014

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
BE 804182	A	19740228			197411	B
NL 7311863	A	19740304			197411	
DE 2343543	A	19740321			197413	
FR 2198005	A	19740503			197422	
DD 107087	A	19740712			197437	
JP 49092318	A	19740903			197445	
ZA 7305927	A	19741023			197502	
JP 75019645	B	19750709			197531	
CH 573986	A	19760331			197619	
GB 1446034	A	19760811			197633	
AT 7307497	A	19770415			197718	
CA 1032328	A	19780606			197825	
RO 66223	A	19790228			198022	
DE 2343543	C	19831103			198345	

Priority Applications (No Type Date): US 72285386 A 19720830

Abstract (Basic): BE 804182 A

Polymeric fibres are prepd. by first prepg. an emulsion contg. a
soln. of the polymer in an org. liquid as the continuous phase and
water droplets as the dispersion phase and then extruding the emulsion
through a nozzle from a region of high to one of low pressure to cause
instantaneous evapn. of the polymer. The fibres are used for producing
synthetic paper and non-woven webs.

They have higher specific surface area, better dripping
characteristics and mech. strength compared to similar prior art prods.
formed from oil-in-water emulsions.

Derwent Class: A14; A17; A97; F09

International Patent Class (Additional): C08F-006/12; D01D-005/26;
D01F-006/00; D01F-007/02; D21H-005/20